

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/14250

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65D41/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/016161 A (HABERSAAT PATRICK ;BOSL UDO (DE); METAL BOX PLC (GB); CROWN CORK &) 27 February 2003 (2003-02-27) abstract; figure 10 page 13, paragraph 2	1,7,10, 11
X	US 2001/002661 A1 (REIDENBACH BRYAN L) 7 June 2001 (2001-06-07) the whole document	3,4,7, 10,11
A		21-25, 37-41, 44-48, 50,51
X	US 4 801 030 A (BARRIAC JACQUES J) 31 January 1989 (1989-01-31) the whole document	1-3,5-7, 11
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

11 October 2004

Date of mailing of the International search report

18.11.2004

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INTERNATIONAL SEARCH REPORTInternational Application No
PCT/EP 03/14250**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/14170 A (OEZTUERK GUENAY) 21 February 2002 (2002-02-21) the whole document -----	21-25, 37-41, 44-48, 50,51
A	US 5 695 083 A (OBADIA JACQUES) 9 December 1997 (1997-12-09) abstract; figures -----	21-25, 37-41, 44-48, 50,51
A	EP 0 541 466 A (ASTRA PLASTIQUE) 12 May 1993 (1993-05-12) abstract; figures -----	21-25, 37-41, 44-48, 50,51

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple Inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

1-11 21-27 37-51

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-11

Closure cap with opening-indicator means comprising fin means having an appendage means either flexible or extending transversaly in relation with said fin means.

2. claims: 21-27, 37-51

Closure cap with opening-indicator means comprising fin means having three portions interacting with three collar means extending radially from the neck of a container.

3. claims: 12-20, 28-36, 52-68

Closure cap with threaded means provided with double starts staggered by an angle of 180° and a pitch of 4.5 mm.

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Information on patent family members

International Application No

PCT/EP 03/14250

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
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EP 0541466	A 12-05-1993		FR 2683509 A1 AT 128433 T CA 2082282 A1 DE 69205117 D1 DE 69205117 T2 EP 0541466 A1 JP 6183450 A OA 9621 A		14-05-1993 15-10-1995 09-05-1993 02-11-1995 29-02-1996 12-05-1993 05-07-1994 30-04-1993